

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A motherboard assembly comprising:
a motherboard;
a socket for receiving a central processing unit mounted on the motherboard;
a first slot for receiving a first computer card;
a second slot for receiving a second computer card, wherein the second slot is
positioned between the central processing unit and the first slot, and the first
computer card is one that generates greater heat during operation than the
second computer first card.
2. (Original) The motherboard assembly of claim 1, wherein the first slot is an AGP
slot.
3. (Original) The motherboard assembly of claim 2, wherein the second slot is a PCI
slot.
4. (Original) The motherboard assembly of claim 1, wherein the motherboard is for
use in a small form factor computer.
5. (Original) The motherboard assembly of claim 1, wherein the first slot is located
adjacent to an edge of the motherboard and oriented parallel to the edge.
6. (Original) The motherboard assembly of claim 1, wherein no additional card slot
is located between the first slot and an edge of the motherboard adjacent to the edge.
7. (Original) The motherboard assembly of claim 1 wherein the first slot is an AGP
slot, the second slot is a PCI slot, the first slot is located adjacent to an edge of the motherboard
oriented parallel to the first slot, wherein no other slot is located between the first slot and the
edge, the first and second slots are mounted on the motherboard parallel and adjacent to each
other.

8. (Original) The motherboard assembly of claim 7, further comprising, on the motherboard:

an input/output module containing a plurality of ports for connecting the computer to external devices, the input/output module located adjacent to an edge of the motherboard perpendicular to the edge of the motherboard that is adjacent to the first slot;

a power supply module located adjacent to an edge of the motherboard opposite the edge of the motherboard that is adjacent to the first slot;

a memory module for receiving a memory card; and

a chipset mounted on the motherboard between the memory module and the socket.

9. (New) The motherboard assembly of claim 1, wherein the first computer card is larger than the second computer card.

10. (New) The motherboard assembly of claim 9, wherein the first slot is positioned adjacent to an edge of the motherboard.